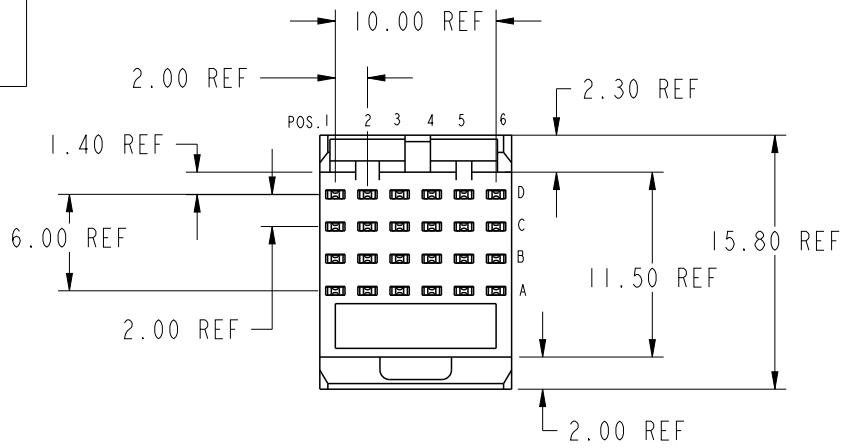
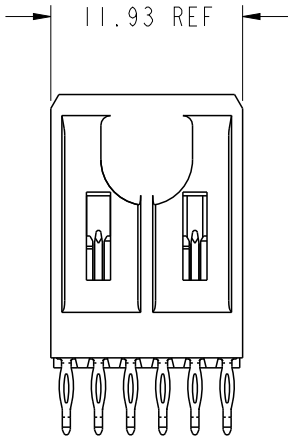
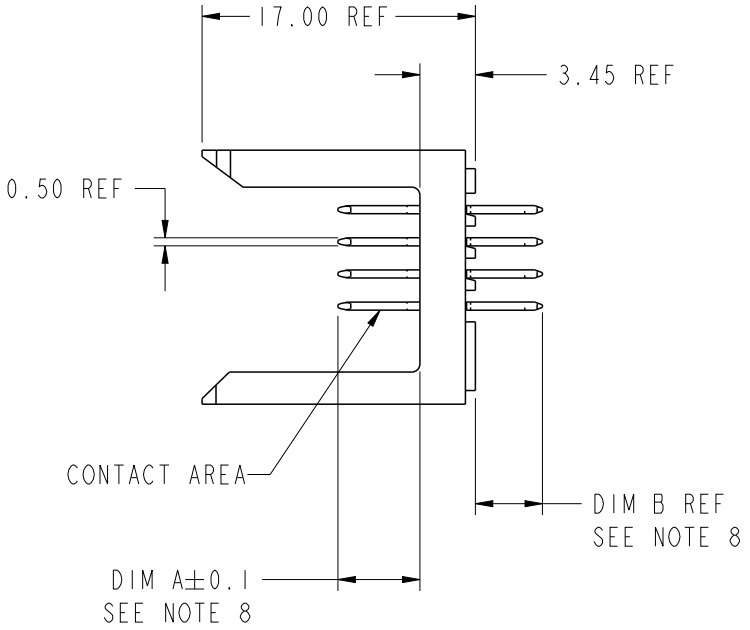
| PRODUCT NUMBER |
|---|
| 89073-XYY<br>OR<br>89073-XYYY |
| 89073-XYYLF<br>OR<br>89073-XYYYLF |

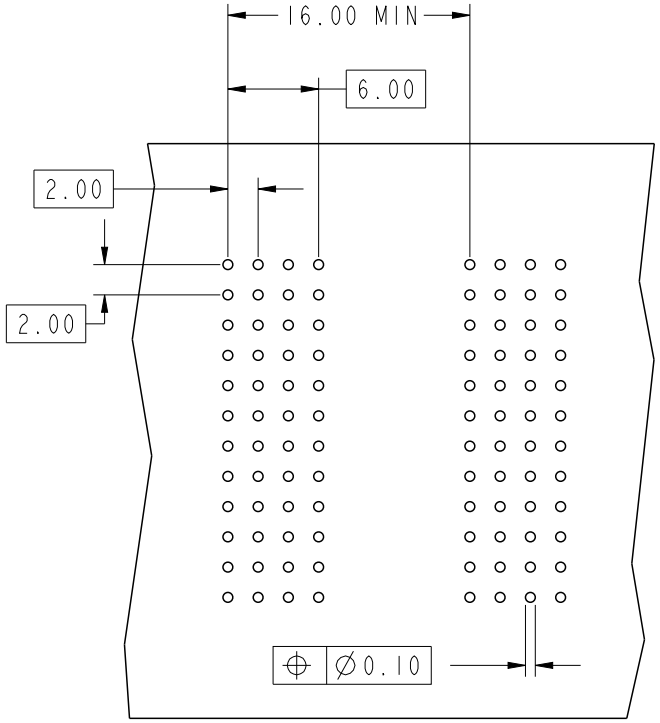



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| spec ref | * | | | dr | Terran Huang | 2010/07/08 | projection | mm | size A4 | scale 2:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | Terran Huang | 2011/08/11 | | | ecn no | ELX-DG-004963-1 |
| | | | | chr | - | - | | | | |
| | | | | appr | Pei-Ming Zheng | 2011/08/11 | product family | METRAL | rel level | Released |
| surface 3.200 | linear | 0.X | ±0.3 | FCI | title | METRAL SIGNAL HEADER | dwg no | 89073 | rev | CE |
| | | 0.XX | ±0.13 | | | 1 MOD, 4 ROW PRESS-FIT | | | | |
| | | 0.XXX | ±.051 | | | | | | | |
| | angular | 0° | ±2° | www.fci.com | cat. no. | - | Product - Customer Drw | | sheet 1 of 10 | |

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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

| KEY | | |
|---|---|---|
| CODE | DIMENSIONS | |
| | DIM "A" MATE | DIM "B" TAIL |
| 1 | 5.00 | 4.30 |
| 2 | 5.75 | 4.30 |
| 3 | 6.50 | 4.30 |
| 4 | 7.25 | 4.30 |
| 5 | 5.00 | 13.60 |
| 6 | 5.75 | 13.60 |
| 7 | 6.50 | 13.60 |
| 8 | 7.25 | 13.60 |
| 11 | 6.50 | 17.00 |
| 12 | 7.25 | 17.00 |
| 13 | 8.25 | 4.30 |
| 14 | 8.25 | 13.60 |
| 19 | 8.00 | 4.30 |
| 20 | 8.00 | 13.60 |
| 22 | 5.00 | 12.10 |
| 23 | 8.00 | 17.70 |
| 24 | 6.50 | 16.30 |
| 25 | 5.75 | 15.60 |
| 26 | 5.00 | 14.90 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | * | dr | Terran Huang | 2010/07/08 | projection | mm | size A4 / scale 2:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Terran Huang | 2011/08/11 | | | ecn no ELX-DG-004963-1 |
| | | chr | - | - | | | |
| | | appr | Pei-Ming Zheng | 2011/08/11 | product family | METRAL | rel level Released |
| surface 3.200 | linear 0.X ±0.3 | FCI | title | METRAL SIGNAL HEADER | dwg no | 89073 | rev CE |
| | linear 0.XX ±0.13 | | | 1 MOD, 4 ROW PRESS-FIT | | | |
| | linear 0.XXX ±.051 | www.fci.com | cat. no. | - | Product - Customer Drw | | sheet 2 of 10 |
| | angular 0° ±2° | | | | | | |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X01 SEE NOTE 11 LEAD FREE OPTION | D | - | - | - | - | 3 | 3 |
| | C | - | - | - | - | 3 | 3 |
| | B | - | - | - | - | 3 | 3 |
| | A | - | - | - | - | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X06 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 4 | 1 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X11 SEE NOTE 11 LEAD FREE OPTION | D | 22 | 22 | 22 | 22 | 22 | 22 |
| | C | 22 | 22 | 22 | 22 | 22 | 22 |
| | B | 22 | 22 | 22 | 22 | 22 | 22 |
| | A | 22 | 22 | 22 | 22 | 22 | 22 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X16 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 3 | 3 | 4 | 3 | 3 |
| | C | 4 | 3 | 3 | 4 | 3 | 3 |
| | B | 4 | 3 | 3 | 4 | 3 | 3 |
| | A | 4 | 3 | 3 | 4 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X02 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 19 | 3 | 3 | 3 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X07 SEE NOTE 11 LEAD FREE OPTION | D | 1 | - | 1 | - | 1 | - |
| | C | - | 1 | - | 1 | - | 1 |
| | B | 1 | - | 1 | - | 1 | - |
| | A | - | 1 | - | 1 | - | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X12 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | - | - |
| | C | 3 | 3 | 3 | 3 | - | - |
| | B | 3 | 3 | 3 | 3 | - | - |
| | A | 3 | 3 | 3 | 3 | - | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X17 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 1 | 1 | 1 | 1 | 1 |
| | C | 2 | 1 | 1 | 1 | 1 | 1 |
| | B | 2 | 3 | 3 | 1 | 1 | 1 |
| | A | 2 | 3 | 3 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X03 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 19 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X08 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 3 | 2 | 2 |
| | C | 1 | 1 | 1 | 3 | 2 | 2 |
| | B | 1 | 1 | 1 | 3 | 2 | 2 |
| | A | 1 | 1 | 1 | 3 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X13 SEE NOTE 11 LEAD FREE OPTION | D | - | - | 3 | 3 | 3 | |
| | C | - | - | 3 | 3 | 3 | |
| | B | - | - | 3 | 3 | 3 | |
| | A | - | - | 3 | 3 | 3 | |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X18 SEE NOTE 11 LEAD FREE OPTION | D | 1 | - | 1 | - | 1 | - |
| | C | - | 2 | - | 1 | - | 3 |
| | B | 1 | - | 2 | - | 3 | - |
| | A | - | 1 | - | 1 | - | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X04 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 3 | 3 | 3 | 3 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X09 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 7 |
| | C | 6 | 6 | 6 | 6 | 6 | 7 |
| | B | 6 | 6 | 6 | 6 | 6 | 7 |
| | A | 6 | 6 | 6 | 6 | 6 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X14 SEE NOTE 11 LEAD FREE OPTION | D | - | 1 | - | 1 | - | 1 |
| | C | 1 | - | 1 | - | 1 | - |
| | B | - | 1 | - | 1 | - | 1 |
| | A | 1 | - | 1 | - | 1 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X19 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 2 | 2 | 1 | 1 | 1 |
| | C | 1 | 2 | 2 | 1 | 1 | 1 |
| | B | 1 | 1 | 1 | 1 | 1 | 1 |
| | A | 3 | 3 | 3 | 3 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X05 SEE NOTE 11 LEAD FREE OPTION | D | 3 | - | 3 | - | 3 | - |
| | C | 3 | - | 4 | - | 2 | - |
| | B | 3 | - | 3 | - | 3 | - |
| | A | 3 | - | 3 | - | 3 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X10 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 1 | 1 | 1 |
| | C | 1 | 1 | 1 | 1 | 1 | 1 |
| | B | 3 | 3 | 1 | 1 | 1 | 1 |
| | A | 3 | 3 | 1 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X15 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 2 | 4 | 4 | 4 | 19 |
| | C | 19 | 3 | 4 | 4 | 4 | 4 |
| | B | 19 | 3 | 4 | 4 | 4 | 4 |
| | A | 19 | 3 | 1 | 4 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X20 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 19 | 1 | 1 | 1 | 1 |
| | C | 19 | 19 | 1 | 1 | 1 | 1 |
| | B | 19 | 19 | 1 | 1 | 1 | 1 |
| | A | 19 | 19 | 1 | 1 | 1 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| spec ref | * | dr | Terran Huang | 2010/07/08 | projection |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Terran Huang | 2011/08/11 | mm |
| | | chr | - | - | size A4 / scale 1:1 |
| | | appr | Pei-Ming Zheng | 2011/08/11 | ecn no ELX-DG-004963-1 |
| | | | | | product family METRAL / rel level Released |

| surface | | | |
|---|---|---|---|
| 3.2 | linear | 0.X | ±0.3 |
| | | 0.XX | ±0.13 |
| | | 0.XXX | ±.051 |
| | angular | 0° | ±2° |

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1 MOD, 4 ROW PRESS-FIT

dwg no 89073 / rev CE

cat. no. - / Product - Customer Drw / sheet 3 of 10

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PDS: Rev :CE STATUS:Released Printed: Aug 11, 2011

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X21 SEE NOTE 11 LEAD FREE OPTION | D | 5 | 5 | 5 | 5 | 5 | 5 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 5 | 5 | 5 | 5 | 5 | 5 |
| | A | 5 | 5 | 5 | 5 | 5 | 5 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X26 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 1 | 1 | 1 | 1 | 3 |
| | C | 3 | 1 | 1 | 1 | 1 | 3 |
| | B | 3 | 1 | 1 | 1 | 1 | 3 |
| | A | 3 | 1 | 1 | 1 | 1 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X31 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 7 | 7 | 7 | 8 |
| | C | 7 | 7 | 7 | 7 | 7 | 8 |
| | B | 7 | 7 | 7 | 7 | 7 | 8 |
| | A | 7 | 7 | 7 | 7 | 7 | 8 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X36 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 3 | 3 | 4 | 3 | 2 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X22 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 3 | 4 | 2 | 2 | 3 |
| | C | 4 | 3 | 4 | 2 | 2 | 3 |
| | B | 4 | 3 | 4 | 2 | 2 | 3 |
| | A | 4 | 3 | 4 | 1 | 4 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X27 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 4 | 4 | 3 | 3 |
| | C | 19 | 3 | 4 | 4 | 3 | 3 |
| | B | 19 | 3 | 4 | 4 | 3 | 3 |
| | A | 19 | 3 | 4 | 4 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X32 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 8 | 8 | 8 | 7 | 7 |
| | C | 8 | 8 | 8 | 8 | 7 | 7 |
| | B | 8 | 8 | 8 | 8 | 7 | 7 |
| | A | 8 | 8 | 8 | 8 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X37 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 7 | 7 | 8 | 7 | 7 |
| | C | 8 | 7 | 7 | 8 | 7 | 7 |
| | B | 8 | 7 | 7 | 8 | 7 | 7 |
| | A | 8 | 7 | 7 | 8 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X23 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 1 | 1 | 1 | 1 | 1 |
| | C | 3 | 1 | 1 | 1 | 1 | 1 |
| | B | 3 | 1 | 1 | 1 | 1 | 1 |
| | A | 3 | 1 | 1 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X28 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 19 | 19 | 3 | 3 |
| | C | 19 | 3 | 19 | 19 | 3 | 3 |
| | B | 19 | 3 | 19 | 19 | 3 | 3 |
| | A | 19 | 3 | 19 | 19 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X33 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 19 | 19 | 4 | 4 |
| | C | 19 | 3 | 19 | 19 | 4 | 4 |
| | B | 19 | 3 | 19 | 19 | 4 | 4 |
| | A | 19 | 3 | 19 | 19 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X38 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 4 | 2 | 2 | 2 | 2 |
| | C | 3 | 4 | 2 | 2 | 2 | 2 |
| | B | 3 | 4 | 2 | 2 | 2 | 2 |
| | A | 3 | 4 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X24 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 3 | 3 | 3 | 1 |
| | C | 19 | 3 | 3 | 3 | 3 | 1 |
| | B | 19 | 3 | 3 | 3 | 3 | 2 |
| | A | 19 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X29 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 3 | 3 | 3 | 3 | 19 |
| | C | 2 | 3 | 3 | 3 | 3 | 19 |
| | B | 2 | 3 | 3 | 3 | 3 | 19 |
| | A | 2 | 3 | 3 | 3 | 3 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X34 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 2 | 2 | 2 | 2 | 2 |
| | C | 3 | 2 | 2 | 2 | 2 | 2 |
| | B | 3 | 2 | 2 | 2 | 1 | 2 |
| | A | 3 | 2 | 2 | 2 | 3 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X39 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 19 | 3 | 3 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X25 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 3 | 3 | 3 | 19 |
| | C | 19 | 3 | 3 | 3 | 3 | 3 |
| | B | 19 | 3 | 3 | 3 | 3 | 3 |
| | A | 19 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X30 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 4 |
| | C | 3 | 3 | 3 | 3 | 3 | 4 |
| | B | 3 | 3 | 3 | 3 | 3 | 4 |
| | A | 3 | 3 | 3 | 3 | 3 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X35 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | - | 3 | 3 | - |
| | C | - | - | - | - | - | - |
| | B | - | - | - | - | - | - |
| | A | 3 | 3 | - | 3 | 3 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X40 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 4 | 4 | 3 | 2 | 2 |
| | C | 3 | 4 | 4 | 3 | 2 | 2 |
| | B | 3 | 4 | 4 | 3 | 2 | 2 |
| | A | 3 | 4 | 4 | 3 | 2 | 2 |

| | | | |
|---|---|---|---|
| spec ref | * | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | |
| surface | 3.2 | linear | 0.X ±0.3 |
| | | | 0.XX ±0.13 |
| | | | 0.XXX ±.051 |
| | | angular | 0° ±2° |

| | | |
|---|---|---|
| dr | Terran Huang | 2010/07/08 |
| eng | Terran Huang | 2011/08/11 |
| chr | - | - |
| appr | Pei-Ming Zheng | 2011/08/11 |

projection | mm | size A4 | scale 1:1

ecn no ELX-DG-004963-1

product family METRAL | rel level **Released**

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title: METRAL SIGNAL HEADER
1 MOD, 4 ROW PRESS-FIT

dwg no 89073 | rev **CE**

cat. no. - | Product - Customer Drw | sheet 4 of 10

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PDS: Rev :CE STATUS:Released Printed: Aug 11, 2011

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X41 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 2 | 3 | 3 | 3 |
| | C | 2 | 2 | 4 | 2 | 4 | 4 |
| | B | 2 | 2 | 4 | 4 | 2 | 2 |
| | A | 2 | 2 | 4 | 2 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X46 SEE NOTE 11 LEAD FREE OPTION | D | 20 | 7 | 7 | 7 | 7 | 7 |
| | C | 20 | 7 | 7 | 7 | 7 | 7 |
| | B | 20 | 7 | 7 | 7 | 7 | 7 |
| | A | 20 | 7 | 7 | 7 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X51 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 7 | 7 | 6 | 8 |
| | C | 7 | 7 | 7 | 7 | 6 | 8 |
| | B | 7 | 7 | 7 | 7 | 6 | 8 |
| | A | 7 | 7 | 7 | 7 | 6 | 8 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X56 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 2 | 4 | 4 |
| | C | 3 | 3 | 3 | 2 | 4 | 4 |
| | B | 3 | 3 | 3 | 2 | 4 | 4 |
| | A | 3 | 3 | 3 | 2 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X42 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 4 | 1 | 1 | 1 | 1 |
| | C | 1 | 4 | 1 | 1 | 1 | 1 |
| | B | 1 | 4 | 1 | 1 | 1 | 1 |
| | A | 1 | 4 | 1 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X47 SEE NOTE 11 LEAD FREE OPTION | D | 20 | 7 | 7 | 7 | 7 | 5 |
| | C | 20 | 7 | 7 | 7 | 7 | 5 |
| | B | 20 | 7 | 7 | 7 | 7 | 6 |
| | A | 20 | 7 | 7 | 7 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X52 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 7 | 7 | 7 | 7 | 8 |
| | C | 8 | 7 | 7 | 7 | 7 | 8 |
| | B | 8 | 7 | 7 | 7 | 7 | 8 |
| | A | 8 | 7 | 7 | 7 | 7 | 8 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X57 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 3 | 1 | 1 | 1 | 1 |
| | C | 2 | 3 | 1 | 1 | 1 | 1 |
| | B | 2 | 3 | 1 | 1 | 1 | 1 |
| | A | 2 | 3 | 1 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X43 SEE NOTE 11 LEAD FREE OPTION | D | 14 | 14 | 14 | 14 | 14 | 14 |
| | C | 14 | 20 | 14 | 20 | 14 | 20 |
| | B | 20 | 20 | 20 | 20 | 20 | 20 |
| | A | 14 | 14 | 14 | 14 | 14 | 14 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X48 SEE NOTE 11 LEAD FREE OPTION | D | 5 | 5 | 20 | 5 | 5 | 5 |
| | C | 5 | 5 | 20 | 5 | 5 | 5 |
| | B | 5 | 5 | 20 | 5 | 5 | 5 |
| | A | 5 | 5 | 20 | 5 | 5 | 5 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X53 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 4 | 3 | 3 | 4 |
| | C | 2 | 2 | 4 | 3 | 3 | 4 |
| | B | 2 | 2 | 4 | 3 | 3 | 4 |
| | A | 2 | 2 | 4 | 3 | 3 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X58 SEE NOTE 11 LEAD FREE OPTION | D | 5 | 6 | 8 | 5 | 5 | 7 |
| | C | 5 | 6 | 8 | 5 | 5 | 7 |
| | B | 5 | 5 | 5 | 5 | 5 | 5 |
| | A | 5 | 5 | 5 | 5 | 5 | 5 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X44 SEE NOTE 11 LEAD FREE OPTION | D | 13 | 13 | 13 | 13 | 13 | 13 |
| | C | 13 | 19 | 13 | 19 | 13 | 19 |
| | B | 19 | 19 | 19 | 19 | 19 | 19 |
| | A | 13 | 13 | 13 | 13 | 13 | 13 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X49 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 4 | 4 | 2 | 19 |
| | C | 2 | 2 | 4 | 4 | 2 | 19 |
| | B | 2 | 2 | 4 | 4 | 2 | 19 |
| | A | 2 | 2 | 4 | 4 | 2 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X54 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 4 | 3 | 3 | 4 |
| | C | 2 | 2 | 4 | 3 | 3 | 4 |
| | B | 2 | 2 | 4 | 3 | 3 | 4 |
| | A | 2 | 2 | 4 | 3 | 3 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X59 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 6 | 8 | 7 | 7 | 7 |
| | C | 7 | 6 | 8 | 7 | 7 | 7 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X45 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | - | - | 1 | 1 |
| | C | 1 | 1 | - | - | 1 | 1 |
| | B | 1 | 1 | - | - | 1 | 1 |
| | A | 1 | 1 | - | - | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X50 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 6 | 6 | 6 | 6 |
| | C | 7 | 7 | 6 | 6 | 6 | 6 |
| | B | 7 | 7 | 6 | 6 | 6 | 6 |
| | A | 7 | 7 | 6 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X55 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 3 | 3 | 3 | 4 | 4 |
| | C | 2 | 3 | 3 | 3 | 4 | 4 |
| | B | 2 | 3 | 3 | 3 | 4 | 4 |
| | A | 1 | 3 | 3 | 3 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X60 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 2 | 2 | 4 | 2 | 2 |
| | C | 4 | 2 | 2 | 4 | 2 | 2 |
| | B | 4 | 2 | 2 | 4 | 2 | 2 |
| | A | 4 | 2 | 2 | 4 | 2 | 2 |

| | | | | | |
|---|---|---|---|---|---|
| spec ref | * | dr | Terran Huang | 2010/07/08 | projection |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Terran Huang | 2011/08/11 | mm |
| | | chr | - | - | size A4 / scale 1:1 |
| | | appr | Pei-Ming Zheng | 2011/08/11 | ecn no ELX-DG-004963-1 |
| | | | | | product family METRAL / rel level Released |

| surface | | | |
|---|---|---|---|
| 3.200 | linear | 0.X | ±0.3 |
| | | 0.XX | ±0.13 |
| | | 0.XXX | ±.051 |
| | angular | 0° | ±2° |

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1 MOD, 4 ROW PRESS-FIT

dwg no 89073 / rev CE

cat. no. - / Product - Customer Drw / sheet 5 of 10

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PDS: Rev :CE STATUS:Released Printed: Aug 11, 2011

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X61 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 2 | 2 | 3 | 3 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X62 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 8 | 6 | 8 | 7 | 7 |
| | C | 7 | 8 | 6 | 8 | 7 | 7 |
| | B | 7 | 8 | 6 | 8 | 7 | 7 |
| | A | 7 | 8 | 6 | 8 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X63 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 2 | 2 | 1 | 2 | 2 |
| | C | 1 | 2 | 2 | 1 | 2 | 2 |
| | B | 1 | 2 | 2 | 1 | 2 | 2 |
| | A | 1 | 2 | 2 | 1 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X64 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 1 | 3 | 3 |
| | C | 3 | 3 | 3 | 1 | 3 | 3 |
| | B | 3 | 3 | 3 | 1 | 3 | 3 |
| | A | 3 | 3 | 3 | 1 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X65 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 4 | 4 |
| | C | 4 | 4 | 4 | 4 | 4 | 4 |
| | B | 4 | 4 | 4 | 4 | 4 | 2 |
| | A | 4 | 4 | 4 | 4 | 4 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X66 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 4 | 4 |
| | C | 4 | 4 | 4 | 4 | 4 | 2 |
| | B | 4 | 4 | 4 | 4 | 4 | 2 |
| | A | 4 | 4 | 4 | 4 | 4 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X67 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 3 | 3 |
| | C | 4 | 4 | 4 | 4 | 3 | 3 |
| | B | 4 | 4 | 4 | 4 | 3 | 3 |
| | A | 4 | 4 | 4 | 4 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X68 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 4 | 2 |
| | C | 4 | 4 | 4 | 4 | 4 | 2 |
| | B | 4 | 4 | 4 | 4 | 4 | 2 |
| | A | 4 | 4 | 4 | 4 | 4 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X69 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 3 | 3 |
| | C | 2 | 2 | 2 | 2 | 3 | 3 |
| | B | 2 | 2 | 2 | 2 | 3 | 3 |
| | A | 2 | 2 | 2 | 2 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X70 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 4 | 4 |
| | C | 19 | 19 | 19 | 19 | 19 | 19 |
| | B | 4 | 4 | 4 | 4 | 4 | 4 |
| | A | 19 | 19 | 19 | 4 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X71 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 3 | 3 | 2 | 4 | 2 |
| | C | 2 | 3 | 3 | 2 | 4 | 2 |
| | B | 2 | 3 | 3 | 2 | 4 | 2 |
| | A | 2 | 3 | 3 | 2 | 4 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X72 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 2 | 2 | 2 | 2 | 4 |
| | C | 4 | 2 | 2 | 2 | 2 | 4 |
| | B | 4 | 2 | 2 | 2 | 2 | 4 |
| | A | 4 | 2 | 2 | 2 | 2 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X73 SEE NOTE 11 LEAD FREE OPTION | D | 1 | - | 1 | - | 1 | - |
| | C | - | 1 | - | 1 | - | 1 |
| | B | 1 | - | 1 | - | 1 | - |
| | A | - | 1 | - | 1 | - | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X74 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 4 | 4 | 4 | 3 | 3 | 3 |
| | B | 4 | 3 | 4 | 3 | 3 | 3 |
| | A | 4 | 4 | 4 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X75 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 12 | 12 | 12 | 11 | 11 | 11 |
| | B | 12 | 11 | 12 | 11 | 11 | 11 |
| | A | 12 | 12 | 12 | 11 | 11 | 11 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X76 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 2 | 3 | 1 |
| | C | 2 | 1 | 1 | 2 | 2 | 1 |
| | B | 2 | 1 | 1 | 2 | 2 | 1 |
| | A | 2 | 1 | 1 | 2 | 2 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X77 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 3 | 2 | 3 | 2 | 3 |
| | C | 1 | 3 | 2 | 3 | 2 | 3 |
| | B | 1 | 3 | 2 | 3 | 2 | 3 |
| | A | 1 | 3 | 2 | 3 | 2 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X78 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 3 | 2 | 2 | 2 |
| | C | 2 | 2 | 3 | 2 | 2 | 2 |
| | B | 2 | 2 | 3 | 2 | 2 | 2 |
| | A | 2 | 2 | 3 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X79 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 3 | 2 | 3 | 2 | 3 |
| | C | 2 | 3 | 2 | 3 | 2 | 3 |
| | B | 2 | 3 | 2 | 3 | 2 | 3 |
| | A | 2 | 3 | 2 | 3 | 2 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X80 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 4 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

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| | | | |
|---|---|---|---|
| spec ref | * | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | |
| surface | 3.2 | linear | 0.X ±0.3 |
| | | | 0.XX ±0.13 |
| | | | 0.XXX ±.051 |
| | | angular | 0° ±2° |

| | | |
|---|---|---|
| dr | Terran Huang | 2010/07/08 |
| eng | Terran Huang | 2011/08/11 |
| chr | - | - |
| appr | Pei-Ming Zheng | 2011/08/11 |

projection | mm | size A4 | scale 1:1

ecn no ELX-DG-004963-1

product family METRAL | rel level **Released**

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title: METRAL SIGNAL HEADER
1 MOD, 4 ROW PRESS-FIT

dwg no 89073 | rev **CE**

cat. no. - | Product - Customer Drw | sheet 6 of 10

Pro/E File - REV C - 2009-06-09

PDS: Rev :CE STATUS:Released Printed: Aug 11, 2011

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X81 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 4 | 2 | 2 | 4 | 2 |
| | C | 2 | 4 | 2 | 2 | 4 | 2 |
| | B | 2 | 4 | 2 | 2 | 4 | 2 |
| | A | 2 | 4 | 2 | 2 | 4 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X82 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 4 | 4 | 4 | 4 |
| | C | 2 | 2 | 4 | 2 | 2 | 4 |
| | B | 2 | 2 | 4 | 2 | 2 | 4 |
| | A | 2 | 2 | 4 | 2 | 2 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X83 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 4 | 4 | 3 | 3 |
| | C | 3 | 3 | 4 | 4 | 3 | 3 |
| | B | 3 | 3 | 4 | 4 | 3 | 3 |
| | A | 3 | 3 | 4 | 4 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X84 SEE NOTE 11 LEAD FREE OPTION | D | 1 | - | 1 | - | 1 | - |
| | C | 1 | 1 | - | 1 | - | 1 |
| | B | 1 | - | 1 | - | 1 | - |
| | A | 1 | 1 | - | 1 | - | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X85 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 3 | 3 | 3 |
| | C | 19 | 19 | 19 | 19 | 19 | 19 |
| | B | 19 | 19 | 19 | 19 | 19 | 19 |
| | A | 19 | 19 | 19 | 19 | 19 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X86 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 1 | 3 | 3 |
| | C | 1 | 1 | 1 | 1 | 1 | 1 |
| | B | 1 | 1 | 1 | 1 | 1 | 1 |
| | A | 1 | 1 | 1 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X87 SEE NOTE 11 LEAD FREE OPTION | D | 2 | - | 2 | 2 | 2 | - |
| | C | 2 | - | - | - | 2 | - |
| | B | - | - | - | - | 2 | - |
| | A | 2 | 2 | 2 | 2 | 2 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X88 SEE NOTE 11 LEAD FREE OPTION | D | 1 | - | - | 1 | 1 | 1 |
| | C | - | - | - | 1 | 1 | 1 |
| | B | - | - | - | 1 | 1 | 1 |
| | A | 1 | - | - | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X89 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 2 | 2 | 2 | 2 |
| | C | 3 | 3 | 2 | 2 | 2 | 2 |
| | B | 3 | 3 | 2 | 2 | 2 | 2 |
| | A | 3 | 3 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X90 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 1 | 19 |
| | C | 3 | 3 | 3 | 3 | 2 | 19 |
| | B | 3 | 3 | 3 | 3 | 3 | 19 |
| | A | 3 | 3 | 3 | 3 | 3 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X91 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 3 | 3 | 3 | 3 | 3 |
| | C | 19 | 3 | 3 | 2 | 3 | 3 |
| | B | 19 | 3 | 3 | 3 | 3 | 3 |
| | A | 19 | 3 | 1 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X92 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 2 | 3 | 3 | 3 | 3 |
| | C | 19 | 3 | 3 | 3 | 3 | 3 |
| | B | 19 | 3 | 3 | 3 | 3 | 3 |
| | A | 19 | 3 | 1 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X93 SEE NOTE 11 LEAD FREE OPTION | D | 26 | 23 | 25 | 23 | 12 | 12 |
| | C | 23 | 23 | 25 | 23 | 12 | 12 |
| | B | 24 | 23 | 25 | 23 | 12 | 12 |
| | A | 23 | 23 | 25 | 23 | 12 | 12 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X94 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 1 | 1 | 1 |
| | C | 1 | 1 | 1 | 1 | 1 | 1 |
| | B | 3 | 3 | 3 | 3 | 1 | 1 |
| | A | 3 | 3 | 3 | 3 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X95 SEE NOTE 11 LEAD FREE OPTION | D | 1 | - | 1 | - | 1 | 1 |
| | C | - | 1 | - | 1 | - | 1 |
| | B | 1 | - | 1 | - | 1 | 1 |
| | A | - | 1 | - | 1 | - | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X96 SEE NOTE 11 LEAD FREE OPTION | D | 2 | - | 2 | - | 2 | 2 |
| | C | - | 2 | - | 2 | - | 2 |
| | B | 2 | - | 2 | - | 2 | 2 |
| | A | - | 2 | - | 2 | - | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X97 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 6 | 8 |
| | A | 6 | 6 | 6 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X98 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 7 | 7 | 6 | 8 | 8 |
| | C | 6 | 7 | 7 | 6 | 8 | 8 |
| | B | 6 | 7 | 7 | 6 | 8 | 8 |
| | A | 6 | 7 | 7 | 6 | 8 | 8 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X99 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 4 | 4 | 4 | 2 | 4 | 2 |
| | B | 4 | 3 | 4 | 2 | 4 | 2 |
| | A | 3 | 4 | 4 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X100 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 2 | 4 |
| | C | 4 | 4 | 4 | 4 | 2 | 4 |
| | B | 4 | 4 | 4 | 4 | 2 | 4 |
| | A | 4 | 4 | 4 | 4 | 2 | 4 |

| | | | |
|---|---|---|---|
| spec ref | * | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | |
| surface | 3.2 | linear | 0.X ±0.3 |
| | | | 0.XX ±0.13 |
| | | | 0.XXX ±.051 |
| | | angular | 0° ±2° |

| | | |
|---|---|---|
| dr | Terran Huang | 2010/07/08 |
| eng | Terran Huang | 2011/08/11 |
| chr | - | - |
| appr | Pei-Ming Zheng | 2011/08/11 |

projection | mm | size A4 | scale 1:1

ecn no ELX-DG-004963-1

product family METRAL | rel level **Released**

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title: METRAL SIGNAL HEADER
1 MOD, 4 ROW PRESS-FIT

dwg no 89073 | rev **CE**

cat. no. - | Product - Customer Drw | sheet 7 of 10

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Pro/E File - REV C - 2009-06-09

PDS: Rev :CE STATUS:Released Printed: Aug 11, 2011

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X101 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 1 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X102 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 8 | 8 | 6 | 20 | 20 |
| | C | 6 | 8 | 8 | 6 | 20 | 20 |
| | B | 6 | 8 | 8 | 6 | 20 | 20 |
| | A | 6 | 8 | 8 | 6 | 20 | 20 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X103 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 4 | 4 | 2 | 19 | 19 |
| | C | 2 | 4 | 4 | 2 | 19 | 19 |
| | B | 2 | 4 | 4 | 2 | 19 | 19 |
| | A | 2 | 4 | 4 | 2 | 19 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X104 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 6 | 6 | 6 | 6 | 6 |
| | C | 8 | 6 | 6 | 6 | 6 | 6 |
| | B | 8 | 6 | 6 | 6 | 6 | 6 |
| | A | 8 | 6 | 6 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X105 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 1 | 2 | 2 |
| | C | 2 | 2 | 2 | 4 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X106 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 2 | 2 | 2 | 2 | 2 |
| | C | 4 | 2 | 2 | 2 | 2 | 2 |
| | B | 4 | 2 | 2 | 2 | 2 | 2 |
| | A | 4 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X107 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 4 | 2 | 2 |
| | C | 2 | 2 | 2 | 4 | 2 | 2 |
| | B | 2 | 2 | 2 | 4 | 2 | 2 |
| | A | 2 | 2 | 2 | 4 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X108 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 3 | 2 |
| | C | 2 | 2 | 2 | 2 | 3 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X109 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 3 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X110 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 3 | 3 | 2 | 4 | 4 |
| | C | 2 | 3 | 3 | 2 | 4 | 4 |
| | B | 2 | 3 | 3 | 2 | 4 | 4 |
| | A | 2 | 3 | 3 | 2 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X111 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 4 | 4 | 2 | 2 |
| | C | 2 | 2 | 4 | 4 | 2 | 2 |
| | B | 2 | 2 | 4 | 4 | 2 | 2 |
| | A | 2 | 2 | 4 | 4 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X112 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 2 | 3 | 2 | 2 | 3 |
| | C | 4 | 2 | 3 | 2 | 2 | 3 |
| | B | 4 | 3 | 2 | - | 2 | 3 |
| | A | 4 | 3 | 1 | - | 2 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X113 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 4 | 2 | 2 | 3 | 3 |
| | C | 3 | 4 | 2 | 2 | 3 | 3 |
| | B | 3 | 4 | 2 | 2 | 3 | 3 |
| | A | 3 | 4 | 2 | 2 | - | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X114 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 8 | 6 | 6 | 6 |
| | C | 6 | 6 | 8 | 6 | 6 | 6 |
| | B | 6 | 6 | 8 | 6 | 6 | 6 |
| | A | 6 | 6 | 8 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X115 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 6 | 6 | 6 | 6 | 8 |
| | C | 8 | 6 | 6 | 6 | 6 | 8 |
| | B | 8 | 6 | 6 | 6 | 6 | 8 |
| | A | 8 | 6 | 6 | 6 | 6 | 8 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X116 SEE NOTE 11 LEAD FREE OPTION | D | - | 6 | 7 | 7 | 6 | - |
| | C | - | 6 | 7 | 7 | 6 | - |
| | B | - | 6 | 7 | 7 | 6 | - |
| | A | - | 6 | 7 | 7 | 6 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X117 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 3 | 3 | 3 | 19 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X118 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 3 | 2 | 2 |
| | C | 2 | 2 | 2 | 3 | 2 | 2 |
| | B | 2 | 2 | 2 | 3 | 2 | 2 |
| | A | 2 | 2 | 2 | 3 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X119 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 2 | 2 | 2 |
| | C | 3 | 3 | 3 | 2 | 2 | 2 |
| | B | 3 | 3 | 3 | 2 | 2 | 2 |
| | A | 3 | 3 | 3 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X120 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 5 | 5 | 7 | 6 |
| | C | 6 | 6 | 6 | 6 | 7 | 6 |
| | B | 6 | 6 | 6 | 6 | 7 | 6 |
| | A | 6 | 6 | 6 | 6 | 7 | 6 |

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| | | | | | |
|---|---|---|---|---|---|
| spec ref | * | dr | Terran Huang | 2010/07/08 | projection |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Terran Huang | 2011/08/11 | mm |
| | | chr | - | - | size A4 / scale 1:1 |
| | | appr | Pei-Ming Zheng | 2011/08/11 | ecn no ELX-DG-004963-1 |
| | | | | | product family METRAL / rel level Released |

| surface | | | |
|---|---|---|---|
| 3.200 | linear | 0.X | ±0.3 |
| | | 0.XX | ±0.13 |
| | | 0.XXX | ±.051 |
| | angular | 0° | ±2° |

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title: METRAL SIGNAL HEADER
1 MOD, 4 ROW PRESS-FIT

dwg no 89073 / rev CE

cat. no. - / Product - Customer Drw / sheet 8 of 10

Pro/E File - REV C - 2009-06-09

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X121 SEE NOTE II LEAD FREE OPTION | D | 3 | 3 | 4 | 3 | 4 | 2 |
| | C | 3 | 3 | 4 | 3 | 4 | 2 |
| | B | 3 | 3 | 4 | 3 | 4 | 2 |
| | A | 3 | 3 | 4 | 3 | 4 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X122 SEE NOTE II LEAD FREE OPTION | D | 4 | 4 | 2 | 4 | 2 | 2 |
| | C | 2 | 2 | 2 | 4 | 4 | 4 |
| | B | 4 | 4 | 2 | 4 | 2 | 2 |
| | A | 2 | 2 | 2 | 4 | 4 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X123 SEE NOTE II LEAD FREE OPTION | D | 2 | 3 | 2 | 2 | 2 | 2 |
| | C | 2 | 3 | 2 | 2 | 2 | 2 |
| | B | 2 | 3 | 2 | 2 | 2 | 2 |
| | A | 2 | 3 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X124 SEE NOTE II LEAD FREE OPTION | D | 2 | 3 | 2 | 3 | 2 | 2 |
| | C | 2 | 3 | 2 | 3 | 2 | 2 |
| | B | 2 | 3 | 2 | 3 | 2 | 2 |
| | A | 2 | 3 | 2 | 3 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X125 SEE NOTE II LEAD FREE OPTION | D | 4 | 3 | 3 | 3 | 3 | 4 |
| | C | 4 | 3 | 3 | 3 | 3 | 4 |
| | B | 4 | 3 | 3 | 3 | 3 | 4 |
| | A | 4 | 3 | 3 | 3 | 3 | 4 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X126 SEE NOTE II LEAD FREE OPTION | D | 4 | 2 | 2 | 2 | 2 | 2 |
| | C | 4 | 2 | 2 | 2 | 2 | 2 |
| | B | 4 | 2 | 2 | 2 | 2 | 4 |
| | A | 4 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X127 SEE NOTE II LEAD FREE OPTION | D | 25 | 23 | 23 | 23 | 23 | 23 |
| | C | 23 | 23 | 23 | 23 | 23 | 23 |
| | B | 23 | 23 | 23 | 23 | 23 | 23 |
| | A | 23 | 23 | 23 | 23 | 23 | 23 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 89073-X128 SEE NOTE II LEAD FREE OPTION | D | 3 | 2 | 1 | 1 | 1 | 1 |
| | C | 3 | 2 | 1 | 1 | 1 | 1 |
| | B | 3 | 2 | 1 | 1 | 1 | 1 |
| | A | 3 | 2 | 1 | 1 | 1 | 1 |

CE

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | * | dr | Terran Huang | 2010/07/08 | projection | mm | size A4 / scale 1:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Terran Huang | 2011/08/11 | | | ecn no ELX-DG-004963-1 |
| | | chr | - | - | | | |
| | | appr | Pei-Ming Zheng | 2011/08/11 | product family METRAL | | rel level Released |
| surface 3.200 | linear 0.X ±0.3 | | | | | | |
| | linear 0.XX ±0.13 | | | | | | |
| | linear 0.XXX ±.051 | | | | | | |
| | angular 0° ±2° | | | | | | |

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title: METRAL SIGNAL HEADER
1 MOD, 4 ROW PRESS-FIT

dwg no 89073

rev CE

cat. no. -

Product - Customer Drw

sheet 9 of 10

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.

2. BODY MATERIAL: LIQUID CRYSTAL

   POLYMER 30 % GLASS.

   FLAME RETARDANT ACC. UL 94-V0.

3. PIN MATERIAL:
   PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
   55422 -XYY IS SnPb
   55422-XYYLF IS SN (LEAD FREE)
   PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.

5. PRODUCT MARKING:
   PART NUMBER DESIGNATION & BATCH I.D.

6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.
   EXAMPLE: XXXXX-XXXP OR XXXXX-XXXXP,
   XXXXX-XXXPLF OR XXXXX-XXXXPLF

7. PRODUCT SPECIFICATION GS-12-180
   APPLICATION SPECIFICATION BUS-20-073

(8.) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

(9.) -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).

(10.) THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

(11.) FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 89073-X01LF

| PLATING IN CONTACT AREA | | |
|---|---|---|
| DASH NUMBER | PERFORMANCE LEVEL | NOTES |
| -AYY OR -AYYY | TELCORDIA CO | SEE NOTE 9 |
| -NIYY OR -NIYYY | TELCORDIA CO (NXT) | - |
| -N5YY OR N5YYY | TELCORDIA UE (NXT) | - |
| -IYY OR -IYYY | TELCORDIA CO | - |
| -2YY OR -2YYY | TELECOM CLASS | - |
| -3YY OR -3YYY | IEC CLASS I | - |
| -5YY OR -5YYY | TELCORDIA UE | - |
| -9YY OR -9YYY | TELCORDIA CO | - |
| -AYYLF OR -AYYYLF | TELCORDIA CO | SEE NOTE 10 |
| -NIYYLF OR -NIYYYLF | TELCORDIA CO (NXT) IEC CLASS I | SEE NOTE 10 |
| -N5YYLF OR N5YYYLF | TELCORDIA UE (NXT) | SEE NOTE 10 |
| -IYYLF OR -IYYYLF | TELCORDIA CO IEC CLASS I | SEE NOTE 10 |
| -2YYLF OR -2YYYLF | TELECOM CLASS | SEE NOTE 10 |
| -5YYLF OR -5YYYLF | TELCORDIA UE | SEE NOTE 10 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | * | | | dr | Terran Huang | 2010/07/08 | projection |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | Terran Huang | 2011/08/11 | mm |
| | | | | chr | - | - | size A4 / scale 53:50 |
| | | | | appr | Pei-Ming Zheng | 2011/08/11 | ecn no ELX-DG-004963-1 |
| surface 3.200 | linear | 0.X | ±0.3 | FCI | title METRAL SIGNAL HEADER | | product family METRAL / rel level Released |
| | | 0.XX | ±0.13 | | 1 MOD, 4 ROW PRESS-FIT | | dwg no 89073 / rev CE |
| | | 0.XXX | ±.051 | | | | |
| | angular | 0° | ±2° | www.fci.com | cat. no. - | Product - Customer Drw | sheet 10 of 10 |

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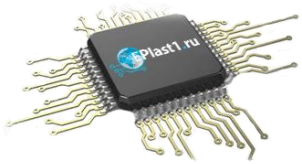
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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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